

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT5328417

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA CHARLES DOLOFF	09/03/2015
MINGLIN MA	09/03/2015
ARTURO JOSE VEGAS	09/03/2015
OMID VEISEH	09/08/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02319
<b>Name:</b>	THE CHILDREN'S MEDICAL CENTER CORPORATION
<b>Street Address:</b>	55 SHATTUCK STREET
<b>City:</b>	BOSTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02115
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16200334
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	heather@pabstpatent.com
<b>Correspondent Name:</b>	PABST PATENT GROUP LLP
<b>Address Line 1:</b>	1545 PEACHTREE STREET, SUITE 320
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	MIT 16104 DIV
<b>NAME OF SUBMITTER:</b>	HEATHER BIFFLE
<b>SIGNATURE:</b>	/Heather Biffle/

<b>DATE SIGNED:</b>	01/16/2019
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**Total Attachments: 8**

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ASSIGNMENT

WHEREAS, We, **Joshua Charles Doloff** of 2 Hancock Street, Apt. 208, Quincy, Massachusetts 02171, **Minglin Ma** of 117 Concord Place, Ithaca, New York 14850, **Arturo Jose Vegas** of 129 Franklin Street, Apt. 328, Cambridge, Massachusetts 02139, and **Omid Veisoh** of 1105 Massachusetts Avenue, Apt. 10E, Cambridge, Massachusetts 02138, (hereinafter said "Assignors"), are each owners of a joint and undivided interest in new and useful improvements in "*Multi-Layer Hydrogel Capsules For Encapsulation of Cells and Cell Aggregates*" described in U.S. Provisional Application No. 62/162,803, filed May 17, 2015, U.S. Patent Application No. 13/831,250, filed March 14, 2013, and PCT International Application No. PCT/US2014/029189, filed March 14, 2014;

WHEREAS, ASSIGNORS, for good and valuable consideration from **Massachusetts Institute of Technology**, having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02319, and **The Children's Medical Center Corporation**, having its principal place of business at 55 Shattuck Street, Boston, Massachusetts 02115 (hereinafter said "Assignees"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignees, its successors and assigns, our entire right, title, and interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in (1) a certain invention(s) and/or improvement(s) in "*Multi-Layer Hydrogel Capsules For Encapsulation of Cells and Cell Aggregates*" described in U.S. Provisional Application No. 62/162,803, filed May 17, 2015, U.S. Patent Application No. 13/831,250, filed March 14, 2013, and PCT International Application No. PCT/US2014/029189, filed March 14, 2014,

(2) U.S. Provisional Application No. 62/162,803, filed May 17, 2015, U.S. Patent Application No. 13/831,250, filed March 14, 2013, and PCT International Application No. PCT/US2014/029189, filed March 14, 2014, and (3) all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention(s), or on said application(s), or any provisional, divisional, continuation, reissue, or other applications based thereon;

AND, said Assignors hereby bind themselves, their legal representatives, executors, administrators, and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignees, with specifications and claims in such form as shall be approved by the counsel of said Assignees, and to vest and confirm in said Assignees, its successors and assigns, the legal title to all such patents.

IN WITNESS WHEREOF, I have executed this Assignment this 3<sup>rd</sup> day  
of September, 2015.

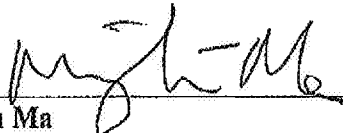
  
\_\_\_\_\_  
Joshua Charles Doloff

Witnesses:

1. Signed: Atieh Sadraei  
Printed Name: Atieh Sadraei  
Address: 57 Northwood Drive, Nashua, NH 03063  
\_\_\_\_\_

2. Signed: Sneha Suresh  
Printed Name: SNEHA SURESH  
Address: 9 LEDGEROCK WAY, ACTON, MA 01720  
\_\_\_\_\_

IN WITNESS WHEREOF, I have executed this Assignment this 3<sup>rd</sup> day  
of September, 2015.


  
\_\_\_\_\_  
Minglin Ma

Witnesses:

1. Signed: Ludmilla Aristilde  
Printed Name: LUDMILLA ARISTILDE  
Address: 37 UPTOWN RD APT SE  
ITHACA, NY 14850

2. Signed: C. Lindsay Anderson  
Printed Name: C. Lindsay Anderson  
Address: 316 Riley Robb Hall, Cornell University  
Ithaca, NY, 14853-5707

IN WITNESS WHEREOF, I have executed this Assignment this 3<sup>rd</sup> day  
of September, 2015.

  
\_\_\_\_\_  
Arturo Jose Vegas

Witnesses:

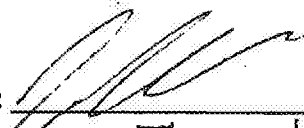
1. Signed: Heda Thompson  
Printed Name: Heda Thompson  
Address: 500 Main St, Cambridge, MA 02139  
\_\_\_\_\_


2. Signed: Tara Fuwaz  
Printed Name: Tara Fuwaz  
Address: 500 Main Street Building 76, Room 653  
Cambridge, MA 02139  
\_\_\_\_\_

IN WITNESS WHEREOF, I have executed this Assignment this 8 day  
of September, 2015.

  
\_\_\_\_\_  
Omid Veischi

Witnesses:

1. Signed:   
\_\_\_\_\_  
Printed Name: James Kuzmacek  
Address: 109R Beacon St. Unit 2 Somerville, MA 02143  
\_\_\_\_\_

2. Signed:   
\_\_\_\_\_  
Printed Name: Piotr Kowalski  
Address: 1325 Commonwealth Ave, Allston, MA 02134  
\_\_\_\_\_



ACCEPTANCE OF ASSIGNMENT

Massachusetts Institute of Technology does hereby declare that it has accepted from Joshua Charles Doloff, Minglin Ma, Arturo Jose Vegas, and Omid Veisheh, the Assignment of a joint and undivided interest in certain inventions or improvements described in U.S. Provisional Application No. 62/162,803, filed May 17, 2015, U.S. Patent Application No. 13/831,250, filed March 14, 2013, and PCT International Application No. PCT/US2014/029189, filed March 14, 2014, including all rights of priority, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on the inventions, or any parts thereof, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon.

WITNESS my hand and seal this 3<sup>rd</sup> day of September, 2015.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By: 

Name: Michele Ryan Harty  
Manager of Patent Administration  
Massachusetts Institute of Technology  
Title: Technology Licensing Office

ACCEPTANCE OF ASSIGNMENT

The Children's Medical Center Corporation does hereby declare that it has accepted from Joshua Charles Doloff, Minglin Ma, Arturo Jose Vegas, and Omid Veisoh, the Assignment of a joint and undivided interest in certain inventions or improvements described in U.S. Provisional Application No. 62/162,803, filed May 17, 2015, U.S. Patent Application No. 13/831,250, filed March 14, 2013, and PCT International Application No. PCT/US2014/029189, filed March 14, 2014, including all rights of priority, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on the inventions, or any parts thereof, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon.

WITNESS my hand and seal this 8<sup>th</sup> day of September, 2015

THE CHILDREN'S MEDICAL CENTER CORPORATION

By: 

Name: Irene Abrams  
Senior Director  
Technology & Innovation Development Office

Title: \_\_\_\_\_